

PARKLAND

Planetarium presents new plate tectonics hypothesis

gregGANCARZ | Editor

On Friday, April 6, Dr. Lijun Liu, an associate professor in the department of Geology at the University of Illinois spoke at Parkland’s Staerkel Planetarium on using supercomputers to analyze and record the traces of plate tectonics, a method of researching which is allowing new discoveries and hypotheses to be made on the subject.

The event began at 7 p.m. and brought a packed house into the planetarium. The cost of admission was \$2. Some Parkland instructors offered to reimburse their students if they attended, in addition to offering extra credit. The crowd present appeared to be largely made up of students and local residents.

Dr. Liu’s demonstration and lecture included 3D imaging of the Earth’s core and mantle, reaching hundreds of kilometers down below the surface. Perhaps the most striking aspect of Liu’s lecture was his proposal of a new hypothesis regarding the formation and fueling of the Yellowstone super volcano, which is located within the central U.S.. Although much of the presented material was above the general populace’s

knowledge of the subject, Liu, originally from China, effectively summarized the complex data and visual graphics and what it generally meant for his research.

“Instead of the well accepted hypothesis of this material coming from deep in the mantle, he’s proposing that it’s the subduction of the ocean plate; the Nazca Plate, off the west coast of North America beneath the North American Plate, that’s causing the material to be shoved up closer to the surface,” said Julie Angel, associate professor of Earth science at Parkland. “He’s proposing that that’s the heat source and that’s the source of this molten material for the Yellowstone Volcano, not [from] deep in the Earth; the mantle. That was the big take away.”

Angel said she thinks the hypothesis does have potential.

“With more research, with more people taking a look at this process, [and] with more data being collected via this three-dimensional technology, I believe that it could be a competing hypothesis for Yellowstone,” Angel said.

Angel said this proposal was the aspect of the talk she found most interesting. Angel also offered the students of some



Photo by gregGANCARZ | The Prospectus
Pictured is the inside of the Staerkel Planetarium.

of her classes extra credit for attending the lecture, including students in certain geology courses at Parkland.

“The reason I offered the extra credit to my students to go and attend these talks is because it is directly related to the material that we covered in class on plate tectonics. It gave the students a richer view of how plate tectonics is researched in modern day; how researchers from the U of I are using new technology, three-dimensional technology, to map what’s going on under the Earth’s surface,” Angel said.

Angel said she heard of the event

through the planetarium itself and was frequently reminded to remind her students of the event thanks to plentiful marketing and fliers distributed by the planetarium.

Angel was not the only Parkland professor to encourage students to attend. Manny Rodriguez, a chemistry professor, also encourage his students to attend the lecture. Keegan Payne, who is enrolled in Rodriguez’s course, was offered the opportunity to attend the event and then write a reflection paper for a chance to earn extra credit.

Payne said that although the topic did not directly correlate to her chemistry course, she had taken a geology course in the past so she was still familiar with the topic.

“I enjoyed it a lot. It was really interesting. My favorite part was that it’s actually in the planetarium so it makes the whole science talk a lot more interesting than if it was just in a lecture hall. As far as chemistry, it didn’t connect all that much, but there was some information that kind of related,” Payne said. “I think that the planetarium always does a really great job picking the science talks. It was really interesting.”

FROM PAGE 1

HUMANS

society, I didn’t really know what it was. I just started attending officer meetings without being an officer because I wanted to learn more about it. And then I got started being asked to do different tasks, and [the coordinator] saw that I had some leadership skills that needed growth, but then she realized that ‘Oh, she’s capable of this,’ and started giving me more leadership positions. Then I became the president,” Grumish said.

One of the main components of her involvement in the honor society is organizing the Honors in Action event. There are two parts to this event: the research and the action components. Every year that she has been involved, Grumish has helped her chapter of Phi Theta Kappa figure out a topic they would like to research that is relevant to students. She also oversees how this research is applied in the action portion to the school.

This year, Grumish’s chapter chose information literacy through the theme of “Myth and Reality.” Grumish helped bring together panelists for a one-hour public panel including Parkland teachers in journalism, political science, and marketing, as well as a Parkland librarian.

“We worked with Sarah Grison from Parkland’s First Year Experience to develop an information literacy course to be included in the curriculum, which is an ongoing portion of the project.” Grumish said.

Grumish also was awarded the All USA Academic Team for Parkland through Phi Theta Kappa and the All-Illinois Academic Team. She will be attending the 100th Anniversary of Phi Theta Kappa ceremony later this month.

“When you’re put into an officer position, you need to do a lot at the same time. You’re definitely doing a lot of new

things that you may not have been able to do before,” Grumish said.

Grumish is involved with Club Access as well as with Phi Theta Kappa. Club Access is a Parkland student organization dedicated to help educate about mental wellness and other problems such as suicide prevention, drug use, and sexual assault awareness. The main goal of Club Access is to teach students about how to be safe and how to keep themselves mentally well.

“I feel like one of the main reasons I got involved with Club Access is because of my social anxiety,” Grumish said. “It’s hard when you’re in the honor society and you have to be confident and a good public speaker. When I was in high school, I thought that I’d never be good at public speaking. It got to the point where I thought that I’d never be a good public speaker if I don’t practice it...I’m getting better at not letting my anxiety get in the way of being a leader.”

In the fall of 2017, Club Access brought together professionals from Carle and Rosecrance, a local behavioral health non-profit, as well as Parkland teachers for a depression screening. Students could come in to the counseling office, watch a video on depression, and participate in a discussion. Club Access also held an anxiety screening and an alcohol abuse screening in March 2018.

“There [are] a lot of events. The counseling office helps tremendously with the wellness center to make things happen that I can’t really do as a student,” Grumish said.

Grumish wants to finish college and then decide what opportunities are available.

“I feel like I like to stay open to new opportunities and with the field of psychology there are so many things you could do. I used to think that I wanted to work with children, but now I’m really into forensic psychology.” Grumish said. “I want to explore a lot of different fields of psychology and then decide where to go from there.”

FROM PAGE 1

ART

between Parkland’s artists and the magazine. She feels Images could become a community that connects ideas and helps students develop as artists.

“I think that literary and visual art magazines are such a potential to build a community of artists, or people that care about art,” Baur said.

Images would help students “see [...] who else is at Parkland, who you could be taking classes with and not know they do this kind of art and [you] could reach out to them and collaborate, or just get some feedback from peers,” Baur said.

“Being part of a community allows for growth and perspective. Images is a good start to that [community],” Baur said.

Baur believes that by submitting work to Images and getting published, artists are part of a community, since artists around the school have access to your work, which is valuable.

“The feedback is so [...] essential,” Baur said. “It’s important to be open to criticism and Images can start those conversations.”

Baur said that not only does publishing allow for collaboration and growth from feedback, but it also allows for the artist to be taken seriously and appreciated.

“It doesn’t hurt to say you were peer reviewed and it was decided that your work [...] could represent Parkland’s creative community,” Baur said.



Photo by davidSAVEANU | The Prospectus
Pictures are Images magazines, the 2016 issue (left) and 2017 issue (right).

The deadline for submissions has been extended to midnight, on April 27.

“We have a great group of submissions currently, and I am excited for more to submit,” Baur said.

Images is also looking for judges and other contributors, whether it’s editors or other creative individuals.

“If there was ever a student interested in putting it together and knew how to use the Adobe Creative Suite, I would happily work with them,” Baur said.

The magazine comes out at the end of every school year. It is available at the Student Life desk for free.

Only current Parkland students can submit art or participate in Images.

To submit work or sign up to judge, email images@parkland.edu.

For more information about submitting, visit prospectusnews.com and click on the “Images Magazine” tab at the top of the page.

Corrections: We strive to publish fair and accurate information. Please let us know if you believe a correction to published content is in order.

Grammar Suggestions: If you find incorrect or otherwise unclear grammar or wording in any articles, please do not hesitate to let us know.

Letters to the Editor: Contributions must be original work by the contributor, typed, include the contributor’s name, and sent to prospectus@parkland.edu. Please include the words “letter to the editor” in the subject line of your email. The Prospectus reserves the right to edit or deny any contributions.

Employment: If you are interested in working with the Prospectus, go to prospectusnews.com, click on the “Work with us!” tab, review our employment requirements, and submit the completed application form. Alternatively, you can stop by Student Life to pick up a paper application.

Advertising: Interested in advertising with us? Go to prospectusnews.com/advertising for information on our advertising policies and to view our 2017-2018 Media Kit and Rate Card.

the**PROSPECTUS**
Parkland’s campus-wide student newspaper
since 1968

Room U111
2400 W. Bradley Ave.
Champaign, Ill. 61821
prospectus@parkland.edu
217-351-2492

The Prospectus works to proliferate information relevant to Parkland-goers and provide its student workers with a space conducive to the learning environment.

The Prospectus is Parkland College’s campus-wide student newspaper, and has been in constant production since late 1968. Our reporters and editors are exclusively students of Parkland College with a variety of majors and career interests, not just communications and journalism. We set out to provide an outlet for students to further develop their writing, photography, communication, time management, and critical thinking skills while producing a quality, trusted source of news for Parkland-goers. The Prospectus publishes weekly during Parkland’s spring and fall semesters and three times during the summer semester.

the**PROSPECTUS Staff**

greg**GANCARZ** - Editor
emma**GRAY** - Editor
evyj**COMPTON** - Reporter
kaiden**POPE** - Reporter
david**SAVEANU** - Reporter
miranda**BAUR** - Media Manager
matt**MOSS** - Publications Manager

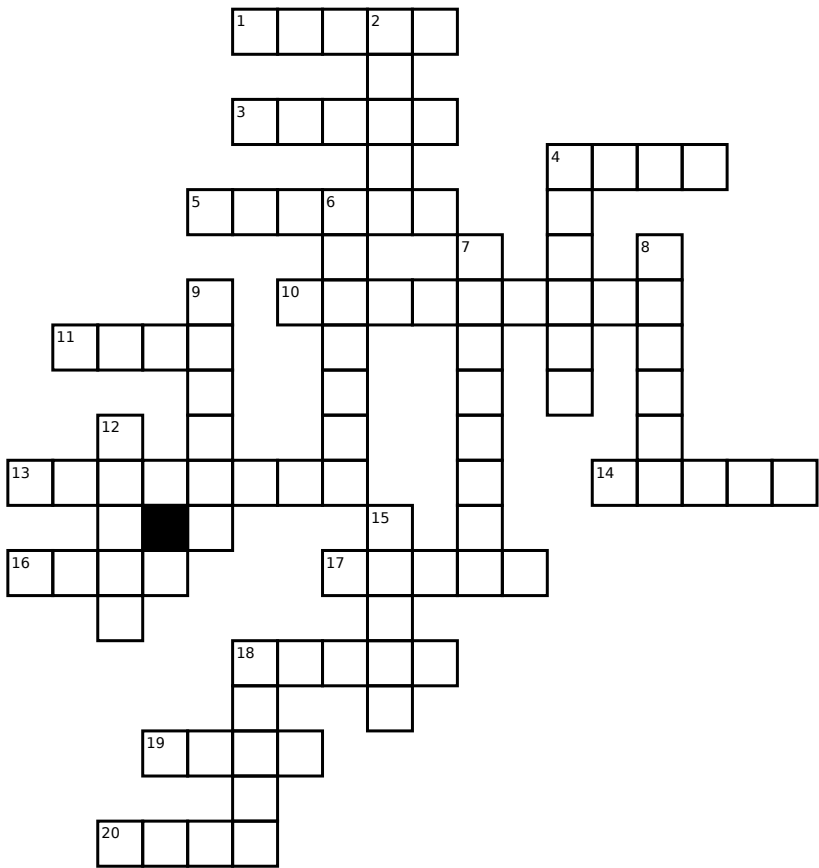


Did you know?
All unused issues of the Prospectus are recycled or donated to the Parkland College Veterinary Technology program.

COMICS & PUZZLES

CROSSWORD

crossword made on education.com



ACROSS

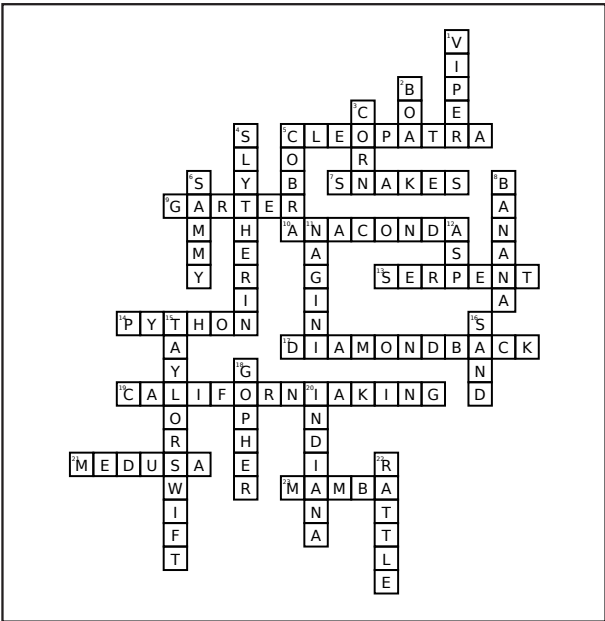
- 1. beat or stir
- 3. work into dough with hands
- 4. the act of bringing to the temperature at which a liquid bubbles and turns to vapor
- 5. less than boiling
- 10. slicing device with adjustable blades
- 11. a downward cutting movement
- 13. French cut, long thin strips
- 14. a metal framework used for cooking food over an open fire
- 16. cut into small cubes
- 17. a solution of salt, water, and seasoning for preserving food
- 18. fry quickly in a little hot fat
- 19. a dish of meat and vegetables cooked slowly in liquid in a closed dish or pan
- 20. to preserve a food by salting, smoking, pickling, and/or drying

DOWN

- 2. object that weighs things
- 4. fry (food) lightly and then stew it slowly in a closed container
- 6. verb using cups, spoons, and weight
- 7. French for “broth”
- 8. to heat gently and gradually
- 9. a type of skimmer used in East Asian cuisine in the form of a wide shallow wire-mesh basket with a long handle
- 12. cut into thin layers
- 15. reduce to small shreds by rubbing it on a sharp plane
- 18. a utensil consisting of a wire or plastic mesh held in a frame, used for straining solids from liquids, for separating coarser from finer particles, or for reducing soft solids to a pulp.



ANSWERS FROM LAST WEEK



COBRASCOPIES

Aries (3/21 - 4/19) - Don't be afraid to push your bounds this week. Going above and beyond for another will bring great good in the near future.

Taurus (4/20 - 5/20) - The sun will mirror your own fortunes this week, but it will always shine again.

Gemini (5/21 - 6/20) - The pursuit of avarice will lead to your embarrassment soon if you do not watch yourself carefully.

Cancer (6/21 - 7/22) - The time of great glory for yourself will soon be nigh. Prepare accordingly.

Leo (7/23 - 8/22) - The long struggle will soon payoff, but even bigger prizes may soon await. Choose your next path carefully.

Virgo (8/23 - 9/22) - The price of virtue may cost you a relationship soon, but the loss taken nobly will benefit you down the road.

Libra (9/23 - 10/22) - Your own hubris is beginning to cause discontent. Remain humble this week and all will be put into place.

Scorpio (10/23 - 11/21) - A great move is soon to arrive. Whether or not it's for the best, will be entirely in your hands, but be careful, for your loved ones will share the same fate.

Sagittarius (11/22 - 12/21) - Comparing yourself to others has recently caused dissatisfaction, but the unseen is often what defines.

Capricorn (12/22 - 1/19) - An apple will soon be ripe for the picking, but only if you show that you are worthy of it. Bear in mind; keeping a talent hidden rarely benefits anyone.

Aquarius (1/20 - 2/18) - Be not discouraged if your endeavors yield little at first. The first harvest will be light, but the next will be the ones worth scything.

Pisces (2/19 - 3/20) - The re-lit flames burn brightest, if only for one last moment. But will the spark take once more? Your perseverance will determine it.

609 Randolph



Roommate Matching—\$450/month (All Inclusive)
2 Bedroom / 1 Bath Unit—\$800/month
4 Bedroom / 4 Bath Unit—\$1375/month

FREE GARAGE PARKING • FREE INTERNET ON BUSLINE • NEAR LIBRARY



510 S. Neil, Champaign, IL 61820
217-356-8750 or Text 217-390-7875
www.greenstreetrealty.com

**Bring in this ad for
½ OFF
Application Fee!**
Expires 5/1/2018

Fact or Fiction

Fiction! Maxwell Kohl, a Polish migrant, opened the first 'Kohl's Department Store' in Brookfield, WI in 1962 after seeing great success with a chain of grocery stores. The first Kohl's department stores originally sold everything from candy to motor oil!

